

WO 00/46233

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DEGENERATIVE OLIGOMER (30-MER):

TCCGTTATCGCTAACACAGATGACCTACAAA

(SEQ ID NO: 15)

Figure 1

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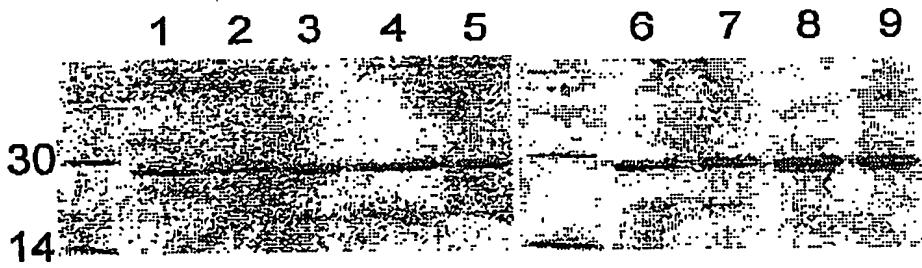


Figure 2

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BASPOC3.pep

1 SVIAKQMTYK VYMSGTVNKG YFEVEGDGKG KPYEGEQTVR LAVTKGGPLP
51 FAWD11SPQC QYGSIPFTKY PEDIPDYVKQ SFPGRYTWER IMNFEDGAVC
101 TVSNDSSIQG NCFIYHVKFS GLNFPPNGPV MQKKTQGWEP NTERLFARDG
151 MLIGNNNFMAL KLEGGGHYLC EFKSTYKARK PVKMPGYHYV DRKLDVTNHN
201 KDYTSVEQRE ISIARKPLVA CCFFRVKSRRH K* (SEQ IN NO: 3)

In bold, differences between clones.

Figure 3

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BASPOC4.pep

1 SVIAKQMTYK VYMSGTVNGH YFEVEGDGKG KPYEGEQTVR LAVTKGGPLP
51 FAWDILSPQC QYGSIPFTKY PEDIPDYVKQ SFPGRYTWER IMNFEDGAVC
101 TVSNDSSIQG NCFIYHVVKFS GLNFPNGPV MQKKTQGWEP NTERLFARDG
151 MLIGNNNFMAL KLEGGGHYLC EFKSTYKAKK PVKMPGYHYV DRKLDVTNHN
201 KDYTSVEQCE ISIARKPVVA CRFFRVKSRRH KYAVA* (SEQ ID NO: 4)

Figure 4

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t7SP6BASPOC3 Length: 841

1	TCCGTTATCG	CTAACAGAT	GACCTACAAA	GTTTATATGT	CAGGCACGGT
51	CAATGGACAC	TACTTGAGG	TCGAAGGCGA	TGGAAAAGGA	AAGCCTTACG
101	AGGGGGAGUA	GACGGTAAGG	CTGGCTGTCA	CCAAGGGCGG	ACCTCTGCCA
151	TTTGCTGGG	ATATTTATC	ACCACAGTGT	CAGTACGGAA	GCATACCATTT
201	CACCAAGTAC	CCTGAAGACA	TCCCTGACTA	TGTAAGCAG	TCATTCCCGG
251	GGAGATATAAC	ATGGGAGAGG	ATCATGAACT	TTGAAGATGG	TGCAGTGTGT
301	ACTGTCAGCA	ATGATTCCAG	CATCCAAGGC	AACTGTTCA	TCTACCATGT
351	CAAGTTCTCT	GGTTGAACT	TTCCTCCCAA	TGGACCTGTT	ATGCAGAAGA
401	AGACACAGGG	CTGGGAACCC	AAACACTGAGC	GTCTCTTGC	ACGAGATGGA
451	ATGCTGATAG	GAAACAACCT	TATGGCTCTG	AAGTTAGAAG	GAGGTGGTCA
501	CTATTTGTGT	GAATTCAAAT	CTACTTACAA	GGCAAGGAAG	CCTGTGAAGA
551	TGCCAGGGTA	TCACATATGTT	GACCGCAAAC	TGGATGTAAC	CAATCACAAAC
601	AAGGATTACA	CTTCCGTTGA	GCAGCGTGAA	ATTTCCATTG	CACGCAAACC
651	TTTGGTCGCC	TGCTGTTTTT	TCAGAGTCAA	ATCAAGGCAC	AAATAAGCAG
701	TGGCGTAAAA	AACGTAGATT	CTGATTTAG	CTTAGAGAAG	TAGGAACGAA
751	GAAGTGTAGA	CAACCTCAA	TGATTAACCT	TTTGAAACA	ACSCCAAAAA
801	AAAAAAAAAA	AAAAAAAAAA	AAAAAGCGGC	CGCTCGAATT	A (SEQ ID NO: 5)

663 either A or C
In bold differences

Figure 5

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T7SP6BASPOC4 Length: 841 (today) Check: 7145 ..

1	TCCGTTATCG	CTAAACAGAT	GACCTACAAA	GTTTATATGT	CAGGCACGGT
51	CAATGGACAC	TACTTTGAGG	TCGAAGGCAG	TGGAAAAGGA	AAGCCTTACG
101	AGGGGGAGCA	GACGGTAAGG	CTGGCTGTCA	CCAAGGGCGG	ACCTCTGCCA
151	TTTGCTTGGG	ATATTTTATC	ACCACAGTGT	CAGTACGGAA	GCATACCAT
201	CACCAAGTAC	CCTGAAGACA	TCCCTGACTA	TGTAAAGCAG	TCATTCCCGG
251	GGAGATATAC	ATGGGAGAGG	ATCATGAACT	TTGAAGATGG	TGGAGTGTGT
301	ACTGTCAGCA	ATGATTCCAG	CATCCAAGGC	AACTGTTCA	TCTACCATGT
351	CAAGTTCTCT	GGTTTGAACT	TTCCCTCCAA	TGGACCTGTT	ATGCAGAAGA
401	AGACACAGGG	CTGGGAACCC	AAACACTGAGC	GTCTCTTGC	ACGGAGATGGA
451	ATGCTGATAG	GAAACAACCT	TATGGCTCTG	AAGTTAGAAG	GAGGTGGTCA
501	CTATTTGTGT	GAATTCAAAT	CTACTTACAA	GGCAAAGAAG	CCTGTGAAGA
551	TGCCAGGGTA	TCACTATGTT	GACCGCAAAC	TGGATGTAAC	CAATCACAAAC
601	AAGGATTACA	CTTCCGTTGA	GCAGTGTGAA	ATTTCCATTG	CACGCAAACC
651	TGTGGTCGCC	TGCCGTTTT	TCAGAGTCAA	ATCAAGGCAC	AAATACGCAG
701	TGGCGTAAA	AACGTAGATT	CTGATTTCAG	CTTATAGAAG	TAGGAACGAA
751	GAAGTGTAAA	CAACCATTAA	TGATTAAACT	TTTGAACACA	ACGCCATAAA
801	AAAAAAAAAA	AAAAAAAAAA	AAAAAGCGGC	CGCTCGAATT	A (SEQ ID NO: 6)

Figure 6

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COLORED PROTEIN VECTOR

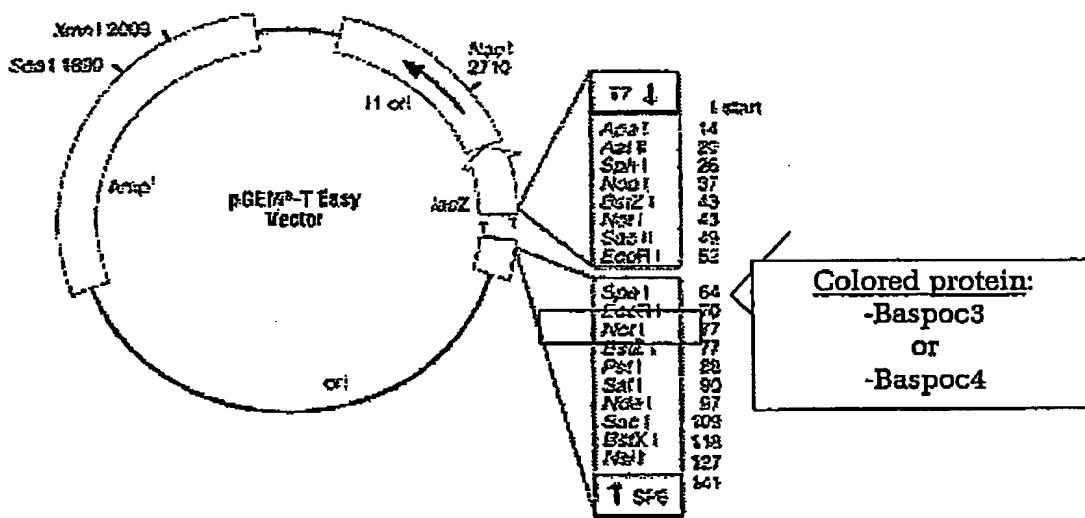


Figure 7

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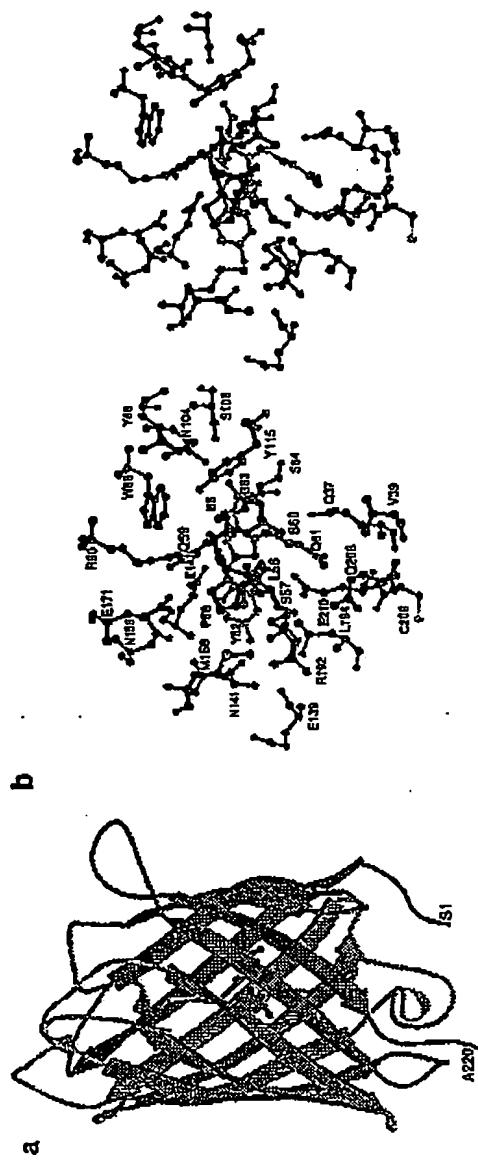


Figure 8

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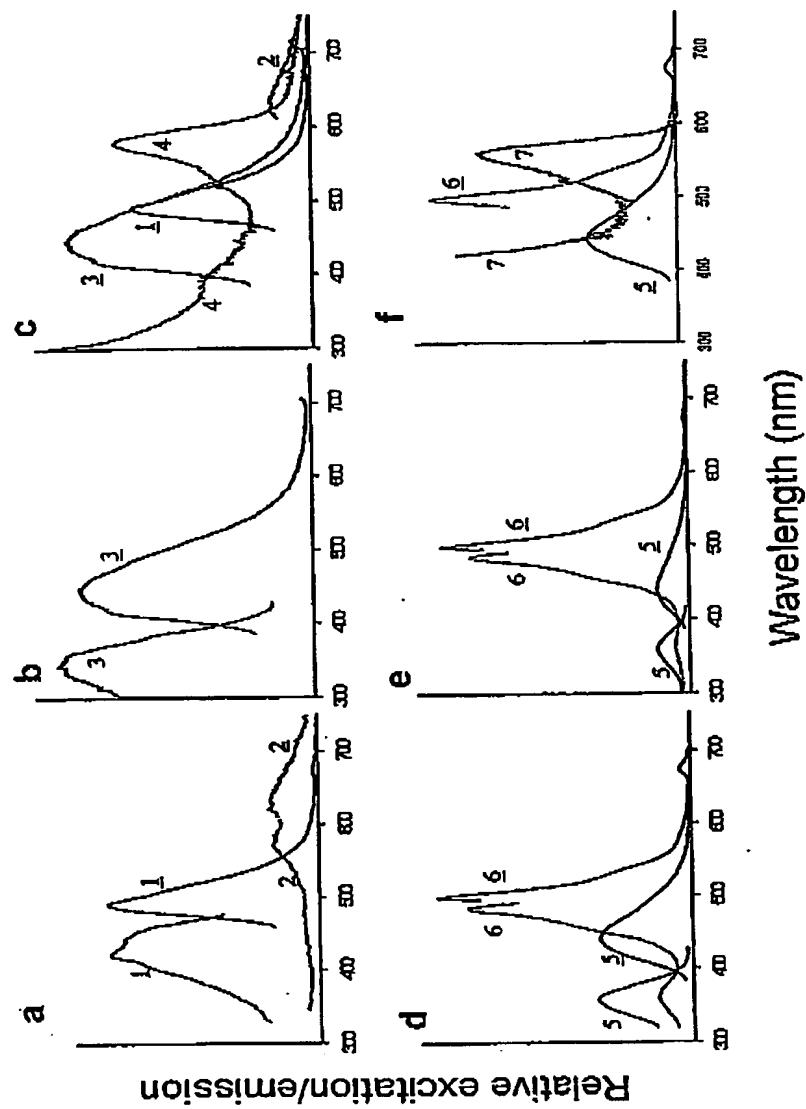


Figure 9

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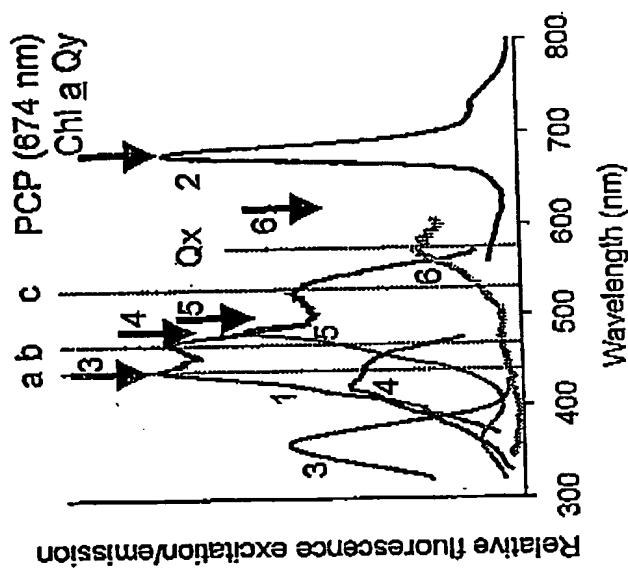


Figure 10